

WHAT IS CLAIMED IS:

1. A method of manufacturing a polyamine composition, characterized in that polyamine is recovered after digesting yeast somatic components with nuclease or hydrolyzing them with alkali.

5           2. The method according to Claim 1, wherein said nuclease is a nuclease contained in the yeast somatic components.

3. The method according to Claim 1, wherein the yeast somatic components are prepared from bread yeast, wine yeast, beer yeast, torula yeast and others, by physically crushing, by using hot water, or by autolization.

10           4. The method according to Claim 1, wherein the yeast somatic components are digested with nuclease added to a solution containing the yeast somatic components, wherein the solution is treated at a pH value of 3~10 and at a temperature of 10~70°C.

15           5. The method according to Claim 1, wherein the yeast somatic components are hydrolyzed with alkali added to a solution containing the yeast somatic components to make it 0.1~5N, wherein the solution is treated at 20~100°C.

6. The method according to Claim 3, wherein the yeast somatic components are extracted by physically crushing yeast using a high-pressure homogenizer and an ultrasonic disintegrator.

20           7. The method according to Claim 3, wherein the yeast somatic components are extracted from yeast using hot water at a pH value of 4~8 and at a temperature of 90~100°C, wherein a common salt is added to a yeast suspension with a yeast concentration of 5~25% to make a salt concentration of 1~10%.

25           8. The method according to Claim 3, wherein the yeast somatic components are extracted by autolyzing yeast, while accelerating autolysis by adding an autolysis accelerator.

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